

IN THE CLAIMS

Please amend the claims as follows:

1-4. (Cancelled).

5. (Currently Amended) A-The multi-channel sound system as claimed in claim 48, characterized in that the ~~signal of the~~generating means comprises a low-pass filter for filtering the input rear surround channel is conducted through a low pass filter
5 ~~(25, 26)~~sound signal.

6. (Currently Amended) A-The multi-channel sound system as claimed in claim 48, characterized in that the generating means comprises a delay circuit for delaying the input rear sound signal is conducted through a delay circuit (27, 28).

7. (Currently Amended) A-The multi-channel sound system as claimed in claim 48, characterized in that the generating means comprises a reverberation circuit to which the input rear sound signal is conducted through a reverberation circuitapplied.

8. (New) A multi-channel sound system comprising:

input means for receiving input left and right front sound signals and input left and right rear sound signals;

left and right front loudspeakers for reproducing sounds
5 corresponding to said input left and right front sound signals;
left and right rear loudspeakers for reproducing sounds
corresponding to said input left and right rear sound signals;
generating means, coupled to receive said input left and
right front and rear sound signals, for generating left and right
10 virtual sound signals; and
means for combining the left and right virtual sound
signals and the input left and right front sound signals,
respectively, to form output left and right front sound signals for
application to said left and right front loudspeakers,
15 wherein said left and right front loudspeakers reproduce both said
sounds corresponding to said input left and right front sound
signals and left and right virtual sounds corresponding to said
left and right virtual sound signals, and said left and right rear
loudspeakers reproduce said input left and right rear sound
20 signals, said generating means generates said left and right
virtual sound signals such that the left and right virtual sounds
emanating from said left and right front loudspeakers appear, to a
listener, to originate from virtual left and right loudspeakers
positioned in a region between 80 and 100 degrees with respect to
25 the listener.

9. (New) The multi-channel sound system as claimed in claim 8,
wherein said generating means comprises:

first combining means for combining said input left front
sound signal with said input left rear sound signal;

5 second combining means for combining said input right
front sound signal with said input right rear sound signal; and

a virtual filter coupled to said first and second
combining means, said virtual filter forming said left and right
virtual sound signals.

10. (New) The multi-channel sound system as claimed in
claim 9, wherein said virtual filter comprises:

a first input coupled to an output of said first combining
means, and a second input coupled to an output of said second

5 combining means;

a first and a second sixth-order filter coupled to said
first and second inputs, respectively;

a first and a second combination circuit, each having a
first input coupled to respective outputs of said first and second
10 sixth-order filters, outputs of said first and second combination
circuits carrying the left and right virtual sound signals;

a third and a fourth sixth-order filter coupled to said
first and second inputs, respectively; and

first and second delay circuits coupled, respectively, to
15 said third and fourth sixth-order filters, respective outputs from
said first and second delay circuits being coupled to respective
second inputs of said first and second combination circuits,
wherein said first and second sixth-order filters are different
from said third and fourth sixth-order filters.